

Abstract of the Disclosure

In the apparatus and method for separating carrier of multicarrier wireless communication receiver system, each 5 carrier separation is performed after a quantization in a wireless communication receiver system such as a received multicarrier CDMA (Code Division Multiple Access) etc., to thereby reduce the whole number of quantizers and separate multicarrier from a received signal. For that, the apparatus 10 for separating the carrier of the multicarrier wireless communication receiver system includes an internal oscillating unit for generating internal multicarrier; a plurality of frequency transition units for respectively down-converting the multicarrier generated by the internal oscillating unit and moving it to frequency of "0" as a frequency center; and a plurality of filtering units for individually filtering the 15 respective carrier moved by the plurality of frequency transition units to the frequency center as the frequency of "0", through a low frequency pass band and for providing it as an input of a rake receiver.